



L.A.R.C.  
P.O. Box 2571  
Thunder Bay ON  
P7B 5G1

# Hi-Q

January, 1993

Meetings: 7:30 P.M.  
2<sup>nd</sup> Thursday each month  
Room 210, McIntyre Building,  
Confederation College.

## NORTHWESTERN ONTARIO AMATEUR RADIO CALL-BOOK

There does appear, after all, to be a demand out there for our Call-Book. I had doubts at first. The first issue, in the 8½ by 11 inch format, prompted many area hams to advise us (and perhaps even the DOC?) of their new addresses, phone numbers etc. Receiving all that mail was a rewarding experience. The first edition was free to LARC members and \$4.00 to others. We simply could not continue to bear that expense and so the second edition will be a common but lower price of \$3.00 to all.

With help from Norbert VE3TNL, we were able to include Algoma District in the second edition. The first printing sold well despite the upside-down, even numbered pages. There have been so many contributors providing updates, it would be impossible to thank them all by name for their assistance. The input from all areas is never the less appreciated.

Will there be a future expanded version, listing all Northern Ontario? We have no plans in that direction now, however Kapuskasing has been added to the data base. Look for updates in a future Hi-Q. One significant factor which may affect further expansion is the response from users in providing data corrections and changes, and of course our own ability to keep the book current.

The second edition, second printing is available now. This time we bound the book on the long side so that all pages are properly displayed. The records are identical to our first printing, but this issue includes a two page, cumulative, addendum; listing changes and corrections since the first print. Notice of these and future changes (as we are made aware of them) will be included, periodically with Hi-Q.

We ask only enough to defray our expenses, and so the price remains \$3.00 per copy. Shipping and handling is included. Our cost would be reduced though, and greatly appreciated, if clubs or interested individuals would submit consolidated orders and request quantities sufficient for their areas. Send your cheque, (for \$3.00 per copy) payable to L.A.R.C. to: Call-Book • L.A.R.C. • P.O. Box 2571 • Thunder Bay ON P7B 5G1.

## We Welcome!

December 1992 was a good month. The number of Thunder Bay hams was increased by two.

Congratulations to Marion Nawrocki VE3MJN. It must be time to buy more radios, Mike.

Congratulations also to Jason Hammond the first graduate of this seasons Ham Class. Jason is waiting for a letter from DOC to find out what call has been assigned.

## Phone Patches — VE3TBR & VE3YQT

Glen, VE3JAU has been busy reprogramming VE3TBR CONTROLLER so that the AUTO PATCH and SPEED DIAL features work the same as VE3YQT. So far it looks about 90 percent complete. Glen informs me that only one more minor change need be made in TBR to make the phone facilities compatible to YQT. That one minor change is in the way that the patch is answered. We will discuss that part in a minute or two.

In last months issue of Hi-Q, I covered making a phone call on YQT. Well, now you do it the same way on TBR. I sure hope you kept that issue cause now you have an excuse to read it again.

NOTE; TBR will NOT read the phone number back. Now, on to the purpose of this article.

## HOW TO PICK UP THE PHONE — YQT

The ringing sounds like the electronic warble of the modern telephone. It is unmistakable and you will know it when you hear it.

- 1 Press and hold the PTT on your radio microphone or HT.
- 2 Press the \* (star or asterisk) and hold for about half a second.
- 3 Say the usual preamble into your radio microphone or HT.

The preamble might be something like;  
HELLO, LAKEHEAD AMATEUR RADIO CLUB,  
VE3??? ANSWERING. MAY I HELP YOU.

Or some modified version. You get the drift. Right?

- 4 Release the PTT and give the caller a chance to say something.

(See Phones — Page 3)

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**Journal of the Lakehead Amateur Radio Club**

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**Minutes of a meeting  
of the  
Lakehead Amateur Radio Club  
held at Confederation College  
room 210, McIntyre Building  
December 10, 1992 at 19:30**

The meeting was called to order at 19:37 and 20 members and guests had signed in.

\*Note:— At future meetings, the sign in list will be in a more conspicuous spot, please register upon entering.\*

**Review of Previous Minutes**

Members reviewed previous minutes from supplied copies if the HI-Q. No additions were noted. But a correction was noted by the Secretary VE3XET, the time in the header reads 17:35 and should be 19:35

Motion to accepted minutes as printed in Hi-Q made by Eric Todd seconded by Tim VE3WCT. The motion was passed by members.

**Treasurer's Report VE3XET**

Reported expenses for a period of November the 12th till December the 10th 1992 was \$2,399.07 and an income for the same period of \$1,532.88. The checking account has \$2,473.01 and the savings account has \$2,672.51 Giving a reported balance in the bank of \$5,145.52 when added to previous balance. Motion to accept the treasurers report made by Barry VE3BGA and seconded by Mike VE3ZG. The motion was passed by the members.

**President's Report VE3TKA**

A: The VE3YQT link is working well except for a small audio level problem.

B: Terry reported that VE3TBR was off the air for a short period of time. The transmitter was broken but is now fixed and back on the air.

**Other Reports**

A: Jim VE3UA reported that the Call-Book version 2.1 was almost sold out and the order for version 2.2 numbering about 100 was placed. The newer version will have an update placed in it.

B: Skip VE3BBS announced that Bob Bishop VE3JAB had got permission for members to use the VE3SAO station at the 55 plus centre for the up coming contest on December /27/92 0000 Z to 0000 Z the next day

(1900-1900 local). The centre would be open at 1800 and the could be up to 6 people per shift and 6- 4 hr. shifts. Anyone interested in a time slot was asked to place their names at the time they could come.

\*Note:— There were no names in any of the time periods at the end of the meeting\*

**Old Business**

A: The RFI-TVI Committee consists of Bob VE3JAB, Bill VE3AJ and Mike VE3ZG. They will be getting together soon to draft a set of guidelines for their committee.

B: James VE3JSC (a former president) brought up that there was an old motion still on the floor regarding the replacement of the duplexers and antenna on the VE3YQT site. A discussion followed regarding honouring club commitments to CKPR.

Motion By Nestor VE3NPS, Have the executive board look over all old minutes and see what the outstanding motion was and any other outstanding motions. Seconded by Ed VE3SNW. Motion passed by all.

James also described to the club a repeater with potential for linking with VE3YQT that he was working on. The repeater will be located in Orient Bay and coverage is expected to extend from Jelicoe to Red Rock.

**New Business**

Ed VE3SNW presented to Barry VE3BGA a code key which Ed built and was the only one available when Barry did his test for 12 wpm and passed. There was around of applause from the members to congratulate Barry.

The standardization of the auto dial numbers for both VE3YQT and VE3TBR will be implemented in the near future.

Motion to adjourn the meeting was made by Bill VE3EFC and was passed, no time was noted.

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Following the meeting Terry VE3TKA provided a demonstration of the capabilities of his bulletin board. The system includes HF, VHF and telephone modem access.

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**Phones — Continued from Page 1.****HOW TO PICK UP THE PHONE — TBR**

- 1 Press and hold the PTT on your radio microphone or HT.
- 2 Press the \* (star or asterisk) and hold for about half a second.
- 3 Release the PTT.
- 4 Press the PTT and say the usual preamble into your microphone. You can use the same preamble here as well as YQT.
- 5 Release the PTT and give the caller an opportunity to talk.

**REVERSE PHONE PATCH ↔**

Phoning the repeater? Well, ok, you can do that if you want to. Maybe I better tell you what to expect that first time you dial up the repeater from a regular telephone.

VE3TBR: ☎ 767-7661

Dial the phone number of the repeater on a regular plain ordinary phone. You will hear ringing on the other end just like a normal call. If someone should decide to answer the repeater phone, you should hear something similar to the above preamble. If no one answers after a reasonable amount of time, just hang up the phone and the controller will take care of terminating the ring-out on the repeater.

VE3YQT: ☎ 346-8999

Dial the repeater phone number from a telephone. You will hear ringing on the other end just like normal. After 2 or 3 rings, the controller will answer the phone and say "REPEATER CONTROL" or something like that. There will be a short pause of about 10 seconds then the controller will ring-out over the air. The ringing you hear on the telephone will be the same electronic warble the is going over the air on YQT. If no one chooses to answer the phone, the call will automatically be terminated by the controller after about 30 seconds.

If you have any questions, please do not hesitate to ask me. Last but not least, I wish you all a MERRY CHRISTMAS and HAPPY NEW YEAR.

de Steve, VE3KRH.

**Excerpts from: CRRL Bulletin 15 CRLE015 16-DEC 14:33**

**TO ALL RADIO AMATEURS**

Both canadian amateur radio organizations are working together on such issues as tower bylaws. CRRL and CARF need your help! The Radio Communications Act gives Communications Canada control over antenna installations. Some municipalities are enacting bylaws which attempt to over-ride Communications Canada jurisdiction. We want copies of bylaws which prohibit, restrict or unduly impede the installation of amateur radio antennas and antenna structures. We will compile and convey this bylaw information to the

Minister of Communications requesting that he act to resolve this serious threat to radio communications in Canada.

Send bylaw copies to: Antenna Bylaw Watch  
c/o Earle Smith VE6NM  
P.O. Box 412  
Grande Prairie, AB T8V 3A5

Make no mistake. We are faced with a very serious threat to amateur radio in Canada. Many cities and municipalities are choosing to ignore federal jurisdiction. Your national organizations cannot act without evidence. We are relying on you to get it us. (See two related articles in this Hi-Q — Ed.)

**HF Bandplans**

Through the efforts of CRRL and the other member societies of the International Amateur Radio Union (IRAU), Region 2 bandplans harmonize much of our HF operations within all three ITU regions. Note that RAC will be the member society for Canada when merger is complete.

**VHF/UHF Bandplans**

It is in everyone's interest to be familiar with the current VHF/UHF bandplans. They are guidelines for interference free operation above 50 Mhz.

If you are providing training to new amateurs, be sure to include the bandplans as part of their introduction to the wonderful world of amateur radio.

**Antenna Restrictions?**

Original from KC2FQ to ARRL@ARRL

This is a copy of a msg I sent to the ARRL; Glenn.

Dear ARRL;

Our hobby is once again in danger but this time, it is a little more subtle. PRB-1 was a great accomplishment and a step in the right direction. But I am wondering if anything can be done about Deed restrictions that you are forced to sign before you can buy a house. I moved to Phoenix, AZ and my wife and I looked at many new houses. We sat down to purchase a house we fell in love with and were asked to sign an agreement that was as big as a small town phone book! On the second page, there it was; NO ANTENNAS OF ANY KIND WHATSOEVER. Not on the roof, not even out the window. This same thing happened again 2 weeks later with another development. I tried getting a waiver, I showed them articles and data, I drew pictures, I agreed to partial restrictions, but to no avail. One of the places asked us to leave, the other just never called. We came to find out that EVERY SINGLE NEW HOUSING DEVELOPMENT,

(See Antennas — Page 4)

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**Antennas — Continued from Page 3.**

WITHOUT EXCEPTION, IN THE ENTIRE AREA, HAD THE SAME REQUIRED RESTRICTIONS.

We were forced to buy a used house and even with that decision, some serious searching had to be done. Fortunately, my wife was very supportive throughout this whole ordeal. Most wives would manage to convince their husbands (or vice-versa) to do without our beloved hobby. I was lucky, but I will never be able to buy a new house here unless something is done.

What is going to happen 10 or 20 years down the road when the new houses of today are the regular established houses of tomorrow. Our hobby will die. The heck with the SNOBS who don't want to see antennas! Lets push the NO PREEMPTION laws right through the heart of those deed restrictions!

Thanks for your time and please ack if you receive this. Thank you very much,

GLENN, KC2FQ @ N7MRP.AZ

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CARF Special News Bulletin — 23-Dec 11:56 CARF9212.21

**Antennas Threatened by Policy Problems**

CARF and CRRL are working behind the scenes attempting to stop some cities and municipalities from restricting the installation of antennas and antenna structures. DOC's procedures circular CPC-2-0-03 (Provisional) governing antenna installations and environmental issues is not working. It is generally misunderstood and even rejected by some municipal officials. Some DOC people are slow to act and others appear unsure when federal power is challenged and overridden thereby allowing an air of threat and uncertainty to prevail. In some cases local DOC seem unfamiliar with the distribution of powers under the Radio Communication Act causing further confusion and difficulties. Your national organizations are talking to DOC at the national and regional levels in an attempt to resolve this serious threat to amateur radio and other licensed radio services. CRRL and CARF, as members of the Radio Advisory Board of Canada, are seeking RABC support in this mutually threatening situation.

People like Rene Poitras VE1CB, Bill Wilson VE3NR, Tim Ray VE3XV, Ralph Cameron VE3BBM, Jim Munsey VE6BKW, Tim Ellam VE6SH, Earle Smith VE6NM, Dave Fancy VE7EWI and others across the country are helping amateurs who are dealing with restrictive bylaws and unsympathetic officials. Places such as Calgary, Edmonton, Kamloops, Vancouver, New Westminster and Madawaska, NB have instituted bylaws or procedures to control the erection of antenna structures. Antenna heights are limited: Edmonton to 32 feet, Madawaska to 13 feet, Vancouver "to 1.9 metres above the existing grade". New Westminster defines antenna structures as "accessory buildings" subject to local land use restrictions. Calgary wants a "Development

Review Permit" (\$142.00) and Madawaska demands an amateur must follow a "variance" procedure (\$55.00). These are serious challenges to federal jurisdiction over radio communication matters.

The federal Radio Communications Act clearly states under Section 5(f), the Minister ... may "approve each site on which radio apparatus, including antenna systems, may be located, and approve the erection of all masts, towers and other antenna supporting structures; ..." The 1987 federal government commissioned Townsend Report, on the constitutionality of the various powers in this matter, backs up federal authority over free standing antenna structures. It is challenged by some municipal officials!

A Calgary city official stated in a letter to CRRL counsel Tim Ellam VE6SH that, "I'm not prepared to concede, as you are, that support structures are the exclusive domain of the Federal Government. Clearly, this issue would be dependent on the facts of the case (eg. whether what was of prime importance was the impact of the structure on the neighbourhood versus its suitability to transmit or receive radio signals)." New Westminster ignored the pleas of amateurs at council meetings and renamed antennas and support structures as buildings to get around federal control. There are other examples. Such opinions and actions seriously threaten federal control over amateur and licensed radio services in Canada. Jurisdiction and policy are openly undermined!

Some Regional and local DOC people seem out of step with the national policy coming out of Ottawa. Vancouver DOC state in a letter to city officials that, "Municipalities make by-laws concerning safety, aesthetics and similar issues pertaining to antenna towers." Saint John DOC instructs an amateur that "...it is my recommendation that you make application ... for a variance to the municipality of Clair's by-law pertaining to accessory structures." Unfortunately, both statements unwittingly support "ultra-vires" actions which undermine federal jurisdiction and control of radio communication matters. It is unclear at this time as to what DOC intends to do about all of this!

Other matters seem to be working against DOC's Client Procedures Circular CPC-2-0-03 as an effective process in the management of the issues. Firstly, it is not well written! DOC officials wish to keep the procedural language general in nature, however the lack of specifics leaves details of obligation and procedure too much to chance. This causes costly misunderstandings for all concerned. There is confusion over the distinction between commercial and amateur licensees in the process. It also groups antenna appearance and the concern with the proximity of electromagnetic fields as similar issues. Secondly, some DOC Regions appear to have neglected to work more closely with city officials and municipal associations to ensure federal jurisdiction, policy and procedures are clearly understood and accepted. We are told that Ottawa DOC cannot always



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influence the operational actions of Regional managers over such matters.

Both CRRL and CARF take the position that municipalities should not be able to enact bylaws or legislation wherein individual amateurs have to ask permission to site antenna structures. While DOC has stated that amateurs are not obliged to request permission, we advise amateurs to follow DOC policy and consult with neighbours and municipal officials. Let those concerned know your intention! Be open, courteous and co-operative! Follow siting practices which protect you and your neighbour's property. Err on the side of caution over matters of structural integrity and safety. Keep structure and apparatus appearance consistent with current practice, e.g., a regular tower (Delhi, Hy-Gain, Rohn, Trylon, etc.) and tri-bander will function adequately in an urban setting and is not out of step with the use of similar structures around the world.

We recommend that club executives engage in meetings and friendly discussions with municipal planners and elected officials pointing out the many ways amateur radio enhances life in a community. Your national organizations are working on a "communication package" of a video tape and an explanatory paper on antennas and amateur radio which we can all use to communicate our story to our neighbours and community officials. In the meantime, we will work in co-operation with DOC, RABC and with provincial and local governments to ensure the law and reasonable policies are clearly understood and that effective procedures are followed. We will keep you informed on this disruptive and threatening matter as actions and issues unfold.

Dana Shtun, VE3DSS, President - CRRL

J. Farrell Hopwood, VE7RD, President - CARF

73 and Season's Greetings from VE3VCA Steve VE3GRS  
at the keyboard

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**Excerpts from CARF News Bulletin 19-92 15 December, 1992**

Editor: William (Bill) H. Mason VE3NFU

Packet Editor/Transmission: Steve Cutway VE3GRS

Wednesday February 3<sup>rd</sup>, 1993 C.I.D.A. Development Day. Again this year CARF hopes that amateurs will set up stations in public places to promote CIDA's work in the third world. C.I.D.A. provides colourful QSL cards and negotiations are in progress for special call prefixes for the day. More details later. For further info:

Fergus Maclaren, C.I.D.A. in Calgary (403)284-3286 or  
Dan Holmes VE3EBI, 613-746-0968 Ottawa.

Special free QSL cards from:

Canadian International Development Agency,  
5th floor, 200 Promenade du Portage,  
Hull PQ K1A 0G4

**Talk to the Astronauts**

Three space shuttle missions are scheduled for Spring 1993 with amateur radio operators aboard! The October 15th issue of OSCAR Satellite Report points out that the next SAREX shuttle flight is STS-55 planned for February 1993. (SAREX is the NASA/ARRL sponsored Shuttle Amateur Radio Experiment.) U.S. astronauts Steve Nagel, N5RAW, and Jerry Ross, N5SCW, will operate 2 metre 1M voice and packet.

STS-56 in mid-March has Ken Cameron, N5AWP, Ken Cockrell, KB5UAH, Mike Foale, KB5UAC and Ellen Ochoa, KB5TZZ aboard. They will operate slow and fast scan TV in addition to voice and packet. STS-57 (late April) is also scheduled to be a SAREX mission.

W5YI REPORT, November 1992

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**Jeep 500 Snowmobile Race**

The race this year follows roughly the same route as last year, but it ends on Wednesday, January 27<sup>th</sup> at Old Fort William. LARC will provide a couple of amateurs for the start of the final leg at Grand Marais and at other check points north of the border.

Contact Skip, VE3BBS or Terry, VE3TKA if you can provide assistance for the race.

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**Silent Key**

It is with deep regret, that we record the passing of Harry Wheeler, VE3AHD. Following a lengthy illness, Harry passed away in hospital on Sunday December 20<sup>th</sup> 1992. Our condolences are extended to his wife Ruby, his family and friends. A memorial service will be held Tuesday, January 19<sup>th</sup>, 1993 at 3:00 PM in First Church United at the corner of Brock and Ford Streets.

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**Hi-Q Content**

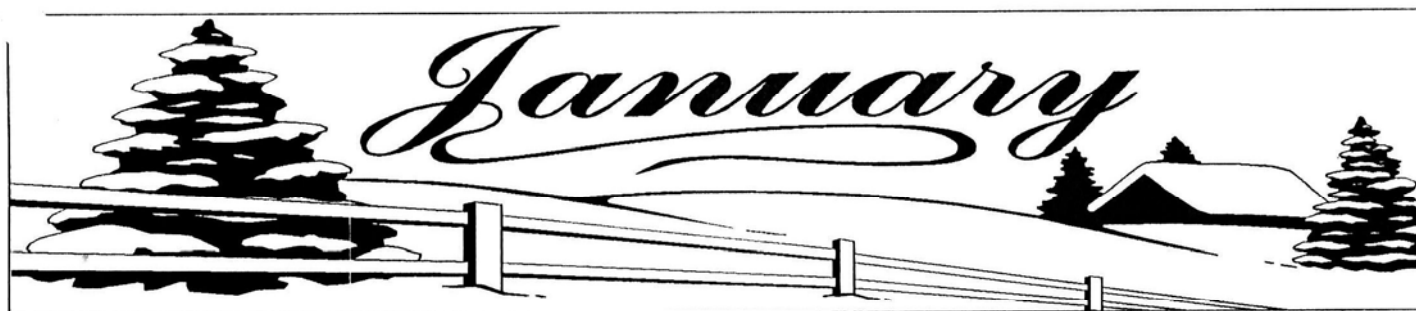
Your editor is seeking contributions in the form of articles of local interest. Short articles or long ones, tell us: about the excitement you felt that night you broke through the pile-up to get that rare one, what prompted you to join the august ranks of amateur radio, how you managed it, or what you enjoy most in the hobby.

I don't want to have to pick up articles from the BBS all the time just to fill the pages.


I enjoy building Hi-Q, and I am learning something about our hobby in the process. I'm not learning the code as fast as I should, but I will have it soon and will be on III' with most of you.

Call me, lets talk about your article. 73 de Jim VE3\*\*\*A.

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1993

SUN	MON	TUE	WED	THU	FRI	SAT
<b>Tuesday CW Classes:</b> are held at <b>Norm, VE3XRC's ham shack</b> <b>217 University Drive</b> <b>Tel. 577-9316</b>		<b>Join Skip,</b> <b>VE3BBS on</b> <b>VE3YQT each</b> <b>Monday at</b> <b>7:00 PM</b>	<b>Thursday meeting and classes</b> are held in room 210, McIntyre <b>Building, Confederation</b> <b>College.</b>		<b>1</b>  Happy New Year	<b>2</b> 10:00 AM Breakfast at the Blue Parrot
<b>3</b>	<b>4</b> 7:00 PM 2M Mini Net VE3YQT	<b>5</b> 7:00 PM CW Class	<b>6</b>	<b>7</b> 7:00 PM Ham Class	<b>8</b> <b>Ontario</b> <b>versus.</b> <b>Ed and Ine</b> <b>et al. a.k.a. us.</b> <b>Let's show up.</b>	<b>9</b> 10:00 AM Breakfast at the Blue Parrot
<b>10</b>	<b>11</b> 7:00 PM 2M Mini Net VE3YQT	<b>12</b> 7:00 PM CW Class	<b>13</b>	<b>14</b> 7:30 PM <b>LARC Meeting</b>	<b>15</b>	<b>16</b> 10:00 AM Breakfast at the Blue Parrot
<b>17</b>	<b>18</b> 7:00 PM 2M Mini Net VE3YQT	<b>19</b> <b>3:00 PM</b> <b>Memorial</b> <b>VE3AHD</b> 7:00 PM CW Class	<b>20</b>	<b>21</b> 7:00 PM Ham Class	<b>22</b>	<b>23</b> 10:00 AM Breakfast at the Blue Parrot
<b>24</b>	<b>25</b> 7:00 PM 2M Mini Net VE3YQT	<b>26</b> 7:00 PM CW Class	<b>27</b> Jeep 500 Snowmobile Race Volunteers Needed!	<b>28</b> 7:00 PM Ham Class	<b>29</b>	<b>30</b> 10:00 AM Breakfast at the Blue Parrot
<b>31</b>	<b>Enjoy Saturday breakfast in the company of local</b> <b>amateurs. Come early, orders are taken about</b> <b>10:00 AM. It's one of the better examples of</b> <b>value for the money.</b>			